

DSX-MS60

DSX-MS60 Marine Digital Media Receiver

The DSX-MS60 Marine Digital Media Receiver by Sony® features a USB⁵ 1-wire Tune Tray that lets you protect, connect, charge and control your iPod^{®2} while boating. Make the most of your time on the water enjoying your music library with Sony audio technologies like DM+, Quick-BrowZer[®] and ZAPPIN[™].



Bullets

- Detachable faceplate with 2-line display and front aux
- Integrated Tune Tray with USB⁵ 1-wire input
- MP3/WMA/AAC playback¹ with DM+ enhancement technology
- Intuitive Quick-BrowZer[®] and ZAPPIN[™] search features
- Satellite radio³/HD Radio[™] ready⁴ using Sony[®] Bus
- Anti-corrosion coated circuit boards
- Ultraviolet (UV) resistant finishes
- 2V front and rear/subwoofer pre-outs with HPF/LPF
- Radio Data System (RDS)
- Wireless card remote included (RM-X151)

Features

Flip-down Face with Front USB Input

The easy-to-read 2-line LCD display shows clock, station ID and track data when playing back your digital MP3/WMA/AAC files¹ from the internal USB input. Front aux input lets you connect almost any portable audio device to your car's sound system.

Integrated Tune Tray

The Tune Tray compartment lets you easily connect, control and charge your iPod^{®2}, Walkman[®] player or other compatible music devices via the USB⁵ 1-Wire input. Your player is secured inside, eliminating unsightly and distracting wires.

MP3/WMA/AAC playback¹

Multi-format playback lets you play your MP3, WMA, or AAC songs¹. Hear digital music files in their original vibrancy with DM+ (Digital Music Plus), a Sony[®] codec enhancer that reproduces detailed frequencies from compressed audio files.

Intuitive Search Features

Use Quick-BrowZer[®] feature to find music by artist, album, genre, song or playlist. Jump Mode allows you to fast forward through a category in 10% increments while the ZAPPIN[™] feature can play a 6, 9, or 30 second intro clip to help you find a specific song.

Satellite Radio³/HD Radio[™] Ready⁴

The DSX-MS60 integrates seamlessly with Satellite Radio³ and HD Radio⁴ using Sony[®] Bus adaptors so you can receive digital satellite radio or HD Radio broadcasts.

Anti-corrosion coated circuit board

Sony Marine receivers use conformal coated circuit boards and are safeguarded by HAYA high humidity resistant vinyl resin.

Ultraviolet (UV) resistant finishes

Sony Marine receivers are specifically designed to withstand the ASTM G154 test for UV resistance. This means the faceplate is treated to resist fading and discoloring after prolonged exposure to UV light.

RCA outputs for external amplifiers

When you're ready to expand your sound system, the DSX-M560 offers selectable rear or subwoofer pre-amp RCA outputs for external amplifiers. Set the built in electronic HPF/LPF crossovers to improve sound quality and reduce system distortion.

Radio Data System (RDS)

Radio Data System (RDS) feature displays radio broadcast information such as artist and track information when listening to compatible AM/FM stations.

Wireless card remote

Control your receiver while keeping your eyes on the road with the included wireless card remote (RM-X151).

Specifications

Amplifier Section	
Max power output	52 watts x 4 at 4 ohms
Speaker Impedance	4-8 Ohms
Audio	
Band	AM / FM
Digital-to-Analog Converter	24bit
Equalizer	EQ3: 3 band EQ br+/- 10 dB at 60 Hz br+/- 10 dB at 1 kHz br+/- 10 dB at 10 kHz
Format(s) Supported	MP3/WMA/AAC files ¹
Preout Impedance	220 ohms
Preout Voltage	2 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	brFM:Tuner Frequency Range(MHz): 87.5-107.9 brAM:Tuner Frequency Range(kHz): 530-1710
Tuner Type	SSIR-EXA with RDS
Volume Control	Tel/Nav Attenuation
Convenience	
Tilt Range	0-45° mounting angle
Convenience Features	
Dimmer Adjust	Selectable Auto adjust or manual on/off
Key Illumination	Blue
On-Screen Clock	12H
Display	
Display Color	White color / Positive
Display Technology	LCD
Text Displayed	Source, artist, track, playback time, menu and clock
Text Lines	2 lines of information
General	
Color	Piano Black
Inputs and Outputs	
12V Trigger Output(s)	brPower antenna brAmplifier turn on
Antenna Terminal(s)	AM/FM Antenna Input Terminal

Audio In	brFront Aux with variable level: -8dB ~ +18dB brInternal USB input brSony Bus terminals
Digital Audio Input(s)	Ability to use all forms of USB devices may vary as not all devices are compatible. brThis unit can be connected to the following iPods. Update your iPod to the latest software before you use it. br iPod Nano 1st generation* br iPod Nano 2nd generation (aluminum) br iPod Nano 3rd generation (video) br iPod 5th generation (video)* br iPod Classic br iPod Touch br iPhone brThis unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. br This unit cannot recognize USB devices via a USB hub. br If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
Infrared Port	Wireless remote input
RCA Audio Output(s)	Front and Rear/Sub selectable RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
USB Port(s)	USB - Full Speed
Power	
Current Drain	3 - 5 amps
Input Voltage	12 V DC car battery (negative ground)
Output Power	52W x4 Watts Max Power - CEA2006 Standard Power Output: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Tuner	
FM Usable Sensitivity	10 dBf
Frequency Response	FM: 20-15,000 Hz
S/N Ratio	70 dB (mono)
Selectivity	75 dB at 400 kHz
Stereo Separation	40 dB at 1 KHz
Weights and Measurements	
Dimensions (Approx.)	178 x 50 x 179mm
Weight (Approx.)	1.3 kg (2 lb. 14 oz.)
Supplied Accessories	
Supplied Accessories	brParts for installation and connections (1 set) brRM-X151 wireless remote brXA-50IP USB connector for iPod
Optional Accessories	
Optional Accessories	Replacement remote: RM-X151 CD changer (6 discs): CDX-T69 Source selector: XA-C40 Aux-in selector: XA-300 HD Radio® tuner: XT-100HD Walkman® player USB adapter: XA-50WM

1. Not all MP3, WMA, AAC files may playback due to file variations. Copyright protected ACC-LC files cannot be played back.

2. Ability to use all generations of iPod products may vary as not all products are compatible.

3. Satellite radio service requires a satellite radio tuner and service subscription, sold separately.

4. HD Radio[®] capability requires an optional HD Radio tuner (XT-100HD).

5. Ability to use all forms of USB devices may vary as not all devices are compatible.

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